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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT

CD NO.

COUNTRY Poland

DATE DISTR. 25X1

SUBJECT Thermal Power Plant at Konin

NO. OF PAGES 1

PLACE ACQUIRED

NO. OF ENCLS. (LISTED BELOW) 25X1

DATE OF INFO.

SUPPLEMENT TO REPORT NO. 638967

25X1

THIS IS UNEVALUATED INFORMATION

According to experts, the quality of the raw brown coal mined near Lake Nieslusz (P 53/0 19), 3 km north of Konin, approximately corresponds to the brown coal mined in the Niederlausitz coal district. Work on the removal of the sludge from Lake Nieslusz has already been started. The total costs of this operation are estimated at 4 million DM0. An analysis of the raw brown coal mined near Konin indicated that it contained 47.88 percent C, 3.88 percent H, 15.24 percent NO, and 0.44 percent volatile S. The temperature of the smoke at the end of the boiler was 180°C, at the point where it entered the smokestack 160°C, while the medium temperature in the smokestack was 142°C. The smoke moved at a speed of 8.1 meters per second. With a content of 13.5 percent of CO_2, 202,000 cubic meters of smoke gas were developed per hour, in the most unfavorable case with a content of 12 percent of CO_2, 240,000 cubic meters of smoke gas were developed per hour. One smokestack was available for each group of four boilers; one boiler burned 130 tons of coal per hour, and the smoke gas volume was 1,460,000 cubic meters per hour. The cost of one smokestack to be erected in reinforced concrete to a height of 100 meters with an inner diameter of 8 meters at the top and fitted with two chimney flues has been calculated at 900,000.-DM0.

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